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EXPERIENCE RECORD

1972 – Retirement in 1994: Attorney, Legal Division (Contract Section), State of California, Department of Transportation (Caltrans):

- Litigation and arbitration of numerous highway/bridge construction disputes.
- Ten years permanent member of Caltrans claims review board; hearings on hundreds of major construction contract claims with recommendations to the Chief Engineer of Caltrans.
- Member of Chief Engineer's claims settlement panel.
- Legal advisor regarding initiation and approval of major contract change orders.
- Legal advisor, as well as litigator, regarding bid protests, relief of bid requests, and determination of lowest responsible bidder.
- Member, Caltrans Standard Specifications Committee.
- Legal advisor regarding drafting and adoption of Caltrans Standard Special Provisions, including first incorporation of DRB provisions.

1955 – 1972: Junior Civil Engineer (1955 -1956), Assistant Bridge Engineer (1958 – 1961), Associate Bridge Engineer (1961 – 1966) and Senior Bridge Engineer (1966 – 1972), in Caltrans construction:

- Assistant Resident Engineer and Resident Engineer (performing contract administration, construction inspection, surveying and materials testing) on numerous highway and bridge construction projects, including the Randolph Collier Tunnel on US 199 near the Oregon border, and the Embarcadero Viaduct in San Francisco.
- State-wide review of all structure related contract claims (1964 – 1966)

- Secretary to claims review board (1966 – 1972); analysis and investigation of hundreds of construction claims.
- Editor of departmental “Bridge Construction Records and Procedures” manual.

1956 – 1958: Lieutenant/Captain, U. S .Army Corps of Engineers:

- Post Engineer Officer in Baumholder, Germany, with accountability for base real property and engineering supplies and responsibility for base repair and maintenance projects.

1952 – 1955: Part-time designer:

- Design of runways, taxiways and hardstands for airports.
- Design of grain silos and other bulk storage facilities.

EDUCATION

BS in Civil Engineering with honors, University of California, Berkeley, 1954.
(Member of Phi Beta Kappa, Tau Beta Pi and Chi Epsilon honor societies)

MS in Civil Engineering, Structures, University of California, Berkeley, 1956

JD, McGeorge School of Law, University of the Pacific, 1971

PROFESSIONAL LICENSES AND CERTIFICATES

Professional Engineer (Civil), States of California and Oregon (Oregon license in retired status).

Member, State Bar of California.

Arbitrator, State Contract Act arbitrations (retired status).

SEMINARS

Lecturer/Instructor: “Claims Avoidance and Resolution”, Resident Engineers’ Academy for local agency engineers, University of California (Berkeley) Extension, 1993 – 2006.

Lecturer/Instructor: “Claims Avoidance and Resolution”, Caltrans Resident Engineers and Inspectors, 1983 – 1989.

Lecturer/Instructor: “Construction Contract Litigation for Engineers”, American Association of State Highway and Transportation Officials (AASHTO), 1980 – 1981, in St. Louis, MO; Nashville, TN; Sacramento, CA; and Albany, NY.

DISPUTE REVIEW BOARDS

Member, Dispute Review Boards on public construction contracts:

- Caltrans: 23 completed and 5 current projects.
- City of Folsom: 1 completed project.
- Bureau of Reclamation: 1 completed project.
- Southern Nevada Water Authority: 2 completed projects.

Chairman, Dispute Review Boards on public construction contracts:

- Caltrans: 5 completed projects.
- Los Angeles Metropolitan Transportation Authority: 1 completed project.
- Southern Nevada Water Authority: 4 completed projects.
- Environmental Protection Agency: 1 completed project.